85-15-7 (6/06)--28a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES • BUREAU OF OIL AND GAS REGULATION

PRINT OR TYPE IN BLACK INK

WELL DRILLING AND COMPLETION REPORT

For instructions on completing this form, visit the Division's website at www.dec.state.ny.us/website/dmn or contact your local Regional office.

FOR DEPARTMENT USE ONLY

Reviewed by _____ Date _____ Well Type _____

DRILLING AND GENERAL INFORMATION

WELL NAME AND NUMBER: ROMAHN #1

API WELL IDENTIFICATION NUMBER: 31 - 0 1 7 - 2 6 0 5 0 - - -

WELL OWNER (Full Name of Organization or Individual as registered with the Division): Nornew, Inc.

TYPE OF REPORT: [✓] Interim [ ] Final

TYPE OF WELL: [✓] New [ ] Existing

TYPE OF WELL BORE: [✓] Vertical [ ] Directional [ ] Sidetrack

If the well is a directional or sidetrack, also submit a complete directional survey

TYPE OF OPERATION: [✓] Drill [ ] Plug Back [ ] Deepen [ ] Convert

WELL TYPE: [✓] Gas Production [ ] Geothermal [ ] Brine [ ] Dry Hole [ ] Injection [ ] Brine Disposal [ ] Oil Production [ ] Stratigraphic [ ] Storage [ ] Other (Specify) _____

FLUIDS PRODUCED OR INJECTED: [ ] Oil [✓] Gas [ ] Brine [ ] Fresh Water [ ] LPG [ ] Other (Specify) _____

TYPE OF COMPLETION: [✓] Single [ ] Multiple [ ] Other (Specify) _____

7½ MINUTE QUAD NAME: TYNER

QUAD SECTION:

LOCATION DESCRIPTION

		TVD	TMD	Decimal Latitude (NAD83)	Decimal Longitude (NAD83)
Surface	0'		0'	42.429312	75.632774
Top of Target Interval			5,013	42.429312	75.632774
Bottom of Target Interval			5,118	42.429312	75.632774
Bottom Hole			5,218	42.429312	75.632774

PRODUCING FORMATION(S): ONEIDA

DEEPEST FORMATION PENETRATED: OSWEGO

For vertical wells, use TMD to record depths

COUNTY: CHENANGO

TOWN: OXFORD

FIELD/POOL NAME: WILDCAT

DATE DRILLING COMMENCED: Month 6 Day 24 Year 2008

DATE DRILLING COMPLETED: Month 7 Day 4 Year 2008

DATE FINAL COMPLETION/RECOMPLETION: Month 7 Day 17 Year 2008

DRILLED WITH CABLE TOOLS (TMD): From _____ ft. to _____ ft.

DRILLED WITH ROTARY TOOLS (TMD): From 0 ft. to 5,218 ft.

ROTARY DRILLING FLUID: [ ] Water [✓] Air [ ] Mud

DRILLER'S TD (ft.)	LOGGER'S TD (ft.)	PLUG BACK TO (ft.)	KICKOFF DEPTH (ft.)
_____ TVD	_____ TVD	_____ TVD	TMD
5,218 TMD	5,200 TMD	_____ TMD	

ELEV. (ft.) 1,105 [ ] Topo [✓] Survey

DATUM (ft.) 1,115 [ ] DF [✓] KB [ ] GL

If the well was NOT plugged back completely with cement, also file a Plugging Report (form 85-15-8) to show the details of the plug back

LIST ALL WIRELINE LOGS RUN--SUBMIT TWO (2) COPIES OF EACH
[✓] Gamma Ray [ ] Resistivity [✓] Density [✓] Neutron [ ] Mud [ ] Directional [✓] Induction [✓] Temperature [✓] Caliper [ ] Sonic [ ] Others (Specify) _____

WELL CORED: [✓] No [ ] Yes [ ] Sidewall [ ] Conventional

CUTTINGS COLLECTED FOR STATE: [ ] No [✓] Yes

CASING PROGRAM

CASING STRINGS	HOLE SIZE	PIPE SIZE	GRADE/WT.	NEW OR USED	DEPTHS SET (TMD) CASING	CENTRALIZERS	BASKETS
Drive Pipe or Conductor	15	13 3/8	54.5	new	73	-	-
Surface or Water	12 1/4	9 5/8	36	new	589	88,264,396,528	88
Intermediate	8 3/4	7	20	new	3055	253,591,929,1266,1604,1942,2280,2618,2955,3039	593,2683
Production	6 1/4	4 1/2	10.5	new	5169	3709,3929,4147,4366,4585,4804,4891,4974,5066,5144	4541
Liners							

CEMENT DATA

CEMENT DATA	CLASS/TYPE OF CEMENT	NUMBER OF SACKS	SLURRY WT. (ppg)	YIELD ($ft.^3/sx$)	VOLUME ($ft.^3$)	CEMENT TOP (TMD)	W.O.C. (hrs.)
Drive Pipe or Conductor	NONE						
Surface or Water	CEMENT CLASS A 3% cal. 1/2# unicele	220	15.6	1.18	260	surface	8
Intermediate	50/50 Pozmix 2%gel,18%salt ClassA 2% CaCl2, 1/2# unicele	338 30	14.52 15.6	1.29 1.18	443 35	est.300	8
Production	50/50 pozmix, 10% salt, 2 % gel	175	14.38	1.29	226	est.2950	8
Liners							

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Printed or Typed Name of Authorized Representative: John W. Kiser

Signature: John W Kiser Title: Drilling and Completions Engineer Date: January 9, 2009

WELL DRILLING AND COMPLETION REPORT

ATTACH ADDITIONAL INFORMATION AS NECESSARY

WELL NAME AND NUMBER	API WELL IDENTIFICATION NUMBER
ROMAHN #1	31 0 1 7 2 6 0 5 0

PRECOMPLETION TEST DATA

TYPE OF TEST (dst, bail, etc.)	ZONES TESTED (TMD)	DURATION OF TEST (hrs.)	FLUID TYPES AND AMOUNTS PRODUCED AND OTHER DATA
	ft. to ft.		
	ft. to ft.		
	ft. to ft.		

COMPLETION DATA

COMPLETION EQUIPMENT: List tubing, packer, rods, pump, bridges, etc.; note sizes and depths

WELL COMPLETED OPEN HOLE (TMD): ft. to ft.

PERFORATED INTERVALS (TMD)	NO. OF SHOTS	PERFORATED INTERVALS (TMD) Continued	NO. OF SHOTS
5,050 ft. to 5,065 ft.	30	ft. to ft.	
ft. to ft.		ft. to ft.	
ft. to ft.		ft. to ft.	

STIMULATION DATA

ZONES TREATED (TMD)	DETAILS: type and volume of materials, rates, breakdown psi, average treatment psi, isip, etc.
5,050 ft. to 5,065 ft.	25 bpm gel Water , 425 sx sand,BD 2975 psi, AVTP 3016, ISIP 3235 psi, 107,000 SCF N2 assist
ft. to ft.	
ft. to ft.	
ft. to ft.	
ft. to ft.	
ft. to ft.	

PRODUCTION TEST DATA

FORMATION TESTED	GAS TEST	OIL TEST	INITIAL SHUT-IN PRESSURE
	☐ Open Flow ☐ Build Up ☐ Drawdown	☐ Pump ☐ Flow	Surface _____ psi. Bottom Hole _____ psi.

DURATION OF TEST hrs.	FLOWING TEST DATA Choke in.	Tubing psi	Casing psi	S.I. Tubing psi	S.I. Casing psi	S.I. Time hrs.

PRODUCTION Oil bpd	Water bpd	Gas mcfpd	GAS MEASURED BY ☐ Orifice ☐ Pitot ☐ Estimated	TEST STARTING DATE

RECORD OF FORMATIONS PENETRATED

	DEPTH IN FEET (TVD)	DEPTH IN FEET (TMD)	FORMATION NAME	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FRESH WATER, BRINE, OIL AND GAS
UNCONSOLIDATED	0	0	---------	Ground Surface (Elevation)
BEDROCK			Shale	
		1,988	Tully	
		1,993	Hamilton/Marcellus	
		2,788	Onondaga	
		2,905	Oriskany	
		2,923	Helderberg	
		3,342	Camillus	
		3,635	Salt	
		3,860	Vernon	
		4,480	Lockport	
		4,572	Herkimer	
		4,634	Willowvale	
		4,780	Sauquoit	
		4,985	Sodus	
		5,013	Oneida	
		5,118	Oswego	
		5,218	TD	

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PAGE 1 of

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WELL DRILLING AND COMPLETION REPORT

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FOR DEPARTMENT USE ONLY

Reviewed by JCR Date 1-30-09 Well Type GW

DRILLING AND GENERAL INFORMATION

WELL NAME AND NUMBER: ROMAHN #1

API WELL IDENTIFICATION NUMBER: 31-017-2605 0-

WELL OWNER (Full Name of Organization or Individual as registered with the Division): Nomew, Inc.

TYPE OF REPORT: [✓] Interim [ ] Final

TYPE OF WELL: [✓] New [ ] Existing

TYPE OF WELL BORE: [✓] Vertical [ ] Directional [ ] Sidetrack

If the well is a directional or sidetrack, also submit a complete directional survey

TYPE OF OPERATION: [✓] Drill [ ] Plug Back [ ] Deepen [ ] Convert

WELL TYPE: [✓] Gas Production [ ] Geothermal [ ] Brine [ ] Dry Hole [ ] Injection [ ] Brine Disposal [ ] Oil Production [ ] Stratigraphic [ ] Storage [ ] Other (Specify)

FLUIDS PRODUCED OR INJECTED: [ ] Oil [✓] Gas [ ] Brine [ ] Fresh Water [ ] LPG [ ] Other (Specify)

TYPE OF COMPLETION: [✓] Single [ ] Multiple [ ] Other (Specify)

7½ MINUTE QUAD NAME: TYNER

QUAD SECTION:

LOCATION DESCRIPTION			Decimal Latitude (NAD83)	Decimal Longitude (NAD83)
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Bottom Hole	TVD	5,218 TMD	42.429312	75.632774

PRODUCING FORMATION(S): ONEIDA

DEEPEST FORMATION PENETRATED: OSWEGO

For vertical wells, use TMD to record depths

COUNTY: CHENANGO

DATE DRILLING COMMENCED: Month 6 Day 24 Year 2008

DRILLED WITH CABLE TOOLS (TMD): From ft. to ft.

TOWN: OXFORD

DATE DRILLING COMPLETED: Month 7 Day 4 Year 2008

DRILLED WITH ROTARY TOOLS (TMD): From 0 ft. to 5,218 ft.

FIELD/POOL NAME: WILDCAT

DATE FINAL COMPLETION/RECOMPLETION: Month 7 Day 17 Year 2008

ROTARY DRILLING FLUID: [ ] Water [✓] Air [ ] Mud

DRILLER'S TD (ft.)	LOGGER'S TD (ft.)	PLUG BACK TO (ft.)	KICKOFF DEPTH (ft.)	ELEV. (ft.) 1,105 [ ] Topo [✓] Survey
TVD 5,218 TMD	TVD 5,200 TMD	TVD TMD	TMD	DATUM (ft.) 1,115 [ ] DF [✓] KB [ ] GL

If the well was NOT plugged back completely with cement, also file a Plugging Report (form 85-15-8) to show the details of the plug back

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Liners							

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Liners							

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Printed or Typed Name of Authorized Representative: John W. Kiser

Signature: John W Kiser Title: Drilling and Completions Engineer Date: January 9, 2009

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ATTACH ADDITIONAL INFORMATION AS NECESSARY

WELL NAME AND NUMBER	API WELL IDENTIFICATION NUMBER
ROMAHN #1	31 - 0 1 7 - 2 6 0 5 0 - -

PRECOMPLETION TEST

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	ft. to ft.		
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PERFORATED INTERVALS (TMD)	NO. OF SHOTS	PERFORATED INTERVALS (TMD) Continued	NO. OF SHOTS
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ft. to ft.		ft. to ft.	
ft. to ft.		ft. to ft.	

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ft. to ft.	
ft. to ft.	
ft. to ft.	
ft. to ft.	
ft. to ft.	

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FORMATION TESTED	GAS TEST	OIL TEST	INITIAL SHUT-IN PRESSURE
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PRODUCTION Oil bpd	Water bpd	Gas mcfpd	GAS MEASURED BY	TEST STARTING DATE
			☐ Orifice ☐ Pitot ☐ Estimated	

RECORD OF FORMATIONS PENETRATED

	DEPTH IN FEET (TVD)	DEPTH IN FEET (TMD)	FORMATION NAME	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FRESH WATER, BRINE, OIL AND GAS
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		1,993	Hamilton/Marcellus	
		2,788	Onondaga	
		2,905	Oriskany	
		2,923	Helderberg	
		3,342	Camillus	
		3,635	Salt	
		3,860	Vernon	
		4,480	Lockport	
		4,572	Herkimer	
		4,634	Willowvale	
		4,780	Sauquoit	
		4,985	Sodus	
		5,013	Oneida	
		5,118	Oswego	
		5,218	TD	